

WHAT IS CLAIMED IS

1. A method of reproducing a die, comprising :

an electroforming process that manufactures a stamper equipped with a reverse concavities/convexities pattern, through an electroforming, from a mother die equipped with a normal concavities/convexities pattern on its surface.

2. A method of reproducing a die according to claim 1, comprising
a:

a plating process that in advance of the electroforming process forms a plated layer on the surface of the normal concavities/convexities pattern formed on the mother die.

3. A method of reproducing a die according to claim 2, comprising:

an exfoliation layer forming process that after the plating process in advance of the electroforming process forms an organic exfoliation layer on the plated layer surface of the mother die.

4. A method of reproducing a die, comprising:

a first electroforming process that manufactures a mother die equipped with a normal concavities/convexities pattern, through an electroforming, from a master die formed with a reverse concavities/convexities pattern on its surface; and

a second electroforming process that further manufactures a stamper equipped with a reverse concavities/convexities pattern, through electroforming, from the mother die.

5. A method of reproducing a die according to claim 4, comprising :

a plating process that in advance of the first electroforming process forms a plated layer on the surface of the reverse concavities/convexities pattern formed on the master die.

6. A method of reproducing a die according to claim 5, comprising :

a first exfoliation layer forming process that after the plating process in advance of the first electroforming process forms an organic exfoliation layer on the surface of the plated layer of the master die; and

a second exfoliation layer forming process that in advance of the second electroforming process forms an organic exfoliation layer on the normal concavities/convexities pattern surface of the mother die.

7. A method of reproducing a die according to any one of claim 1 or 6, wherein

the stamper is used for molding a lens sheet.

8. A method of reproducing a die, comprising :

a deposition film forming process that forms a deposition film on a surface of a concavities/convexities pattern of a product; and

an electroforming process that manufactures a stamper equipped with a reverse concavities/convexities pattern, through an electroforming, on the concavities/convexities

pattern surface of the product having formed thereon the deposition film.

9. A method of reproducing a die according to claim 8, wherein the product is a lens sheet.

10. A property check method of a master die, in a reproduction process of a die that includes a first electroforming process that manufactures a mother die equipped with a normal concavities/convexities pattern, through an electroforming, from a master die having formed on its surface a reverse concavities/convexities pattern; and a second electroforming process that further manufactures a stamper equipped with a reverse concavities/convexities pattern, through an electroforming, from the mother die, comprising,:

a plating process that plates the surface of the reverse concavities/convexities pattern of the master die;

a molding process that directly molds a product by a use of the plated master die; and

a property check process that performs a property check of the directly molded product.

11. A property check method of a die according to claim 10, wherein the product is a lens sheet.